Roland V-Combo VR-700 *Stuff To Know*

Roland's latest virtual tone wheel-based combo organ

76-key waterfall keyboard, dedicated physical harmonic bars, and bender controller

Enhanced COSM amp & rotary speaker simulation

Essential ensemble sounds (with tone remain function) onboard

WAV/AIFF/MP3/SMF playback function for backing tracks

Roland's latest virtual tone wheel –based combo organ

The V-Combo has 4 tone wheel models for recreating authentic tone wheel organ sounds:

Vintage 1 replicates the sound of 1970's tone wheel organs, which still have the aged character, but without so much of the noise often associated with older organs.

Vintage 2 replicates the sound of 1960's tone wheel organs which are many times a bit road worn and dirty, so they have developed tonal characteristics such as "leakage" which some players seek.

Solid boosts the low range by adding low frequencies to the VINTAGE 1 tone wheel so you get the boom in the low end, but still maintain the tonal character in the mids and highs.

Clean models a tone wheel with no leakage noise. Probably the best representation of a brand new harmonic bar organ.

76-key waterfall keyboard, dedicated physical harmonic bars, and bender controller

Real physical harmonic bars allow for instant tone control, just like traditional tone wheel organs. 76-key waterfall action allows for smooth playing of glissandos, rips and smears. Split and layer capabilities allow for sounds from the organ section and ensemble section to be stacked and split throughout the key bed. Bender control gives player ability to control speed variations of the rotary speaker just by moving the pitch bend to the left or right. Push away from you and trigger tone wheel brake.

Enhanced COSM amp & rotary speaker simulation

With enhanced COSM (Composite Object Sound Modeling) amp simulator, choosing the appropriate amp to suit your playing style is easy. 5 different amp types are available to choose from:

Type 1 has the characteristics of a frequently used rotary speaker. Very clean and clear which makes it preferred in jazz performances.

Type 2 is a large stack-type vacuum tube amp often used in British hard rock of the 1970's and still used by hard rock guitarist today. Favored by rock keyboardist like Jon Lord.

Type 3 has the characteristics of a popular rotary speaker type used in performance, but with a darker and dirtier sound that Type 1.

Type 4 is a rotary speaker with distortion where the distortion amount can be changed significantly using the GAIN knob. Perfect if you want your sound to have some crunch, especially in the low end.

Type 5 is very similar to Type 4, but instead of giving you crunch just to the low end, it brings out more overdrive in the mid to high end for a throaty tone - great for rockin' solos.

Essential ensemble sounds (with tone remain function) onboard

There are 275 ensemble sounds like RD-class pianos, vintage EPs, synth leads, and expressive strings inside the V-Combo, giving you all of the crucial sounds needed for any gig. The V-Combo also features patch remain, which allows the player to seamlessly switch sounds without any glitching of sound decay or effects.

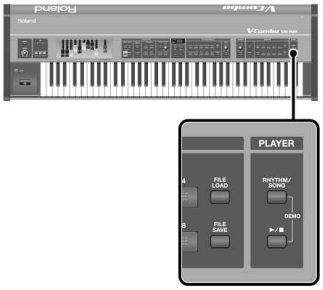
Rhythm pattern/WAV/AIFF/MP3/SMF playback function for backing tracks

With the on-board rhythm and song player, you can drag and drop multiple audio files such as WAV/AIFF/MP3 and SMF to any USB flash drive or you can also choose from any of the 51 rhythm patterns and recall them instantly for live performance.

Roland V-Combo VR-700 — Stuff To Show

Listening To Demo Songs

Simultaneously press the [RHYTHM/SONG] button and the [►/■] Play / Stop Button.



1. The VR-700 will enter Demo mode, and the screen will display "dEN".
2. The favorite [1]-[3] buttons will blink.
   NOTE: In Demo mode, you can't edit the organ, choose ensemble sounds, or perform using the keyboard.
3. The blinking FAVORITE [1] –[3] buttons correspond to the three demo songs. When you press on one of the buttons, the corresponding demo songs will begin playing.
4. When the demo song has finished playing, the next demo song will play.
5. To stop the demo song playback, press the [►/■] (Play/Stop) button.
6. To exit Demo mode, press the [DISPLAY/EXIT] button located under the display window.

Demo song #1 is hard driving rock tune that shows off the distortion amp models and the Active Amp Enhancer. It also begins with the Ring Modulator triggered by the D beam. It transitions into a driving organ and then finishes by going into a heavily distorted organ.

Demo Song #2 is a Gospel styled song that showcases organ key click, acoustic piano and goes into an R&B groove in which the organ uses leakage and rotary speaker simulation.

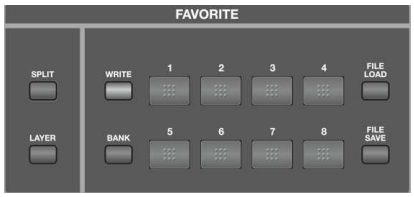
Demo song #3 is a pop-based groove that begins with a multi-sampled grand piano, along with other tones from the ensemble section, such as synth lead, which is layered with the organ. Electric piano is also featured in the demo as well.

Choose Ensemble sounds directly by first selecting the ensemble group, then use the (-) or (+) buttons to scroll through the different variations.

Here are a few recommended ensemble sounds to check out:

1. Piano Group #1 Superior Grand
2. E. Piano Group #2 Stage Phazer
3. E. Piano Group #9 WahWah Clav
4. Strings Group #1 VR Strings
5. Choir/Scat Group #2 Jazz Scat
6. Brass Group #5 Jump For KY
7. Bass Group #4 101 Bass
8. Other Group #6 VR Pop Kit

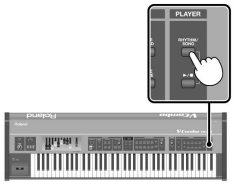
The FAVORITE section allows you to save and recall your favorite sounds and setups instantly. Select Bank 1 and choose from the pre-loaded favorites below:



1. Rock – Organ with overdrive.
2. Jazz – Percussive organ sound. You can also play bass with your left hand.
3. Funk – Organ with sharp metallic overtones.
4. Gospel – Bright and powerful organ. (The keyboard is split to simulate a dual-manual set-up.)
5. Acoustic Piano – Play from soft to hard with this very expressive piano.
6. Electric Piano – A popular electric piano sound with tremolo.
7. Synth Lead – A powerful synth lead that cuts through the mix.
8. Combination – The keyboard is split so you can combine sounds like a piano in the lower register and layer an organ with a synth pad .

Playing Internal Rhythms

1. Press the PLAYER [RHYTHM/SONG] button.
2. Use the [+] button or [-] button to select the rhythm that you want to play.
3. Press the [►/■] **(Play/Stop)** button; the rhythm will play.
4. To stop, press the [►/■] **(Play/Stop)** button once again.
5. To stop rhythm playback and return to the previous display, press the [DISPLAY/EXIT] button located under the display window.



Here are a few recommended rhythm patterns:

r.05: Grooving eight-beat funk
r.13: Powerful rock pattern
r.25: Jazz swing played with brushes
r.33: Afro-Cuban style, popular in jazz
r.39: Lively Latin Pop

Changing the virtual tone wheel model:

1. Press FUNCTION button under the display.
2. Press (-) or (+) until "OrG" appears in the display.
3. Press flashing PIANO button in ENSEMBLE panel.
4. Use the (-) or (+) buttons to scroll through the 4 harmonic tone wheel types.
5. When you're finished editing, press the [DISPLAY/EXIT] button twice to exit.

The 4 virtual tone wheel types are:

1. Vintage 1 replicates the sound of 1970's tone wheeled organs, which still have the aged character, but without so much of the noise often associated with older organs.

2. Vintage 2 replicates the sound of 1960's tone wheeled organs which are a bit road worn and dirty, so they have developed tonal characteristics such as leakage.

3. Solid boosts the low range of the VINTAGE 1 tone wheel, so you get a solid low end, but still maintain the tonal character in the mids and highs.

4. Clean models a tone wheel with no leakage noise. This model is the best representation of a brand new out of the box harmonic bar organ.

Changing COSM amp models:

1. Press FUNCTION button.
2. Press (-) or (+) until "OrG" appears in the display.
3. Press flashing E.PIANO button in ENSEMBLE panel.
4. Use the (-) or (+) buttons to scroll through the 5 amp model types.
5. When you're finished editing, press the [DISPLAY/EXIT] button twice to exit.

The 5 COSM AMP & Rotary Speaker models are:

1. **Type 1** has the characteristics of a frequently used rotary speaker. Very clean and clear which makes it preferred in jazz performances.

2. **Type 2** is a large stack-type vacuum tube amp often used in British hard rock of the 1970's and still used by hard rock guitarist today. Favored by rock keyboardists like Jon Lord.

3. **Type 3** has the characteristics of a popular rotary speaker type used in rock performance, but with a darker and dirtier sound that Type 1.

4. **Type 4** is a rotary speaker with distortion where the distortion amount can be changed significantly using the GAIN knob. Perfect if you want your sound to have some crunch, especially in the low end.

5. **Type 5** is very similar to Type 4, but instead of giving you crunch just to the low end, it brings out more overdrive in the mid to high end for a throaty tone - great for rockin' solos.

On a real rotary speaker cabinet, the rate at which the speed changes from slow to fast rotation, and from fast to slow rotation is called the rise and fall time, and is determined by the age of the motor, and condition of the belt that connects the spinning speaker to the motor. This age characteristic can be reproduced in the V-Combo.

Adjusting the Rise Time of the Tweeter

1. Press the [FUNCTION/ENTER] button
2. Use the [+] button or [-] button to select **rot** in the screen. This will allow you to access the Rotary parameters.
3. Press the CHOIR/SCAT button to adjust the rise time of the Tweeter.
4. Use the [+] button or [-] button to adjust the speed of the rise time. [+] will adjust the rise time faster and [–] will adjust the rise time to be slower.
5. When you've finished editing, press the [DISPLAY/EXIT] button to return to the state of selecting a group.
6. Press the [DISPLAY/EXIT] button once again to exit FUNCTION mode.

Adjusting the Rise Time of the Woofer

1. Press the [FUNCTION/ENTER] button
2. Use the [+] button or [-] button to select **rot** in the screen. This will allow you to access the Rotary parameters.
3. Press the STRINGS button to adjust the rise time of the woofer.
4. Use the [+] button or [-] button to adjust the speed of the rise time. [+] will adjust the rise time faster and [–] will adjust the rise time to be slower.
5. When you've finished editing, press the [DISPLAY/EXIT] button to return to the state of selecting a group.
6. Press the [DISPLAY/EXIT] button once again to exit FUNCTION mode.

Adjusting the Fall Time of the Tweeter

1. Press the [FUNCTION/ENTER] button
2. Use the [+] button or [-] button to select **rot** in the screen. This will allow you to access the Rotary parameters.
3. Press the OTHERS button to adjust the Fall time of the Tweeter.
4. Use the [+] button or [-] button to adjust the speed of the Fall time. [+] will adjust the Fall time faster and [–] will adjust the Fall time to be slower.
5. When you've finished editing, press the [DISPLAY/EXIT] button to return to the state of selecting a group.
6. Press the [DISPLAY/EXIT] button once again to exit FUNCTION mode.

Adjusting the Fall Time of the Woofer

1. Press the [FUNTION/ENTER] button
2. Use the [+] button or [-] button to select **rot** in the screen. This will allow you to access the Rotary parameters.
3. Press the BASS button to adjust the Fall time of the Woofer.
4. Use the [+] button or [-] button to adjust the speed of the Fall time. [+] will adjust the Fall time faster and [–] will adjust the Fall time to be slower.
5. When you've finished editing, press the [DISPLAY/EXIT] button to return to the state of selecting a group.
6. Press the [DISPLAY/EXIT] button once again to exit FUNCTION mode.